

Thursday 18 April 2024 1:00 PM

Presentation 1

Harnessing the Power of Multiomics from a Single Sample

Dr. Meng-Ying Lin, NGS Study Manager

The -omics era has greatly expanded the repertoire of approaches available for researchers and clinicians to unravel the complexity underpinning human health: NGS approaches can characterize genomes, epigenomes, transcriptomes, and proteomes. The analyses are critical to assess in individuals both pre- and post-treatment during therapeutic development and early-stage clinical trials.

Here we detail a workflow using a single blood draw to rapidly produce a diverse set of multiomics results including genomics, epigenomics, transcriptomics, and proteomics.

Presentation 2

DNA Writing Expertise - A Game Changer for fast-tracking Research & Development

Dr. Hans Hürliemann, Project Manager Gene Synthesis

GENEWIZ is a leading supplier for DNA & RNA Synthesis solutions, offering capabilities from short oligos to cloned products and beyond, characterized by swift turnaround times, impeccable quality, and commitment to meeting delivery deadlines.

Our synthesis process combines efficiency with precision along with a guaranteed 100% sequence accuracy for cloned products, and DNA preparations from microgram to gram quantities, thus allowing for tailored solutions that cater to diverse needs, ranging from cost-effective synthesis options to rapid delivery timelines.

We continuously extend our expertise to provide integrated solutions, from the gene sequence down to transduction-ready viral particles for AAV, Lentivirus & Baculovirus, as well as (circularized) mRNA synthesis and Recombinant Antibody Production. Our integrated approach streamlines workflows and simplifies the complex process, serving as a one-stop shop for a comprehensive array of molecular biology needs.

Here we present GENEWIZ's Synthesis solutions, positioning us as a trusted partner for researchers and biotechnologists seeking top-tier solutions for various downstream applications.

Dr. Henrik Lange, Genomics Account Manager, Henrik.Lange@azenta.com, www.genewiz.com

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Coffee Break & Snacks after event!

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